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Culbert

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(54) **METHOD AND APPARATUS FOR BONE
FIXATION WITH SECONDARY
COMPRESSION**

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17/744 (2013.01); *A61B 17/864* (2013.01);
A61B 17/869 (2013.01); *A61B 17/8685*
(2013.01)

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(58) **Field of Classification Search**

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17/7216; *A61B 17/7233*; *A61B 17/7283*;
A61B 17/7291; *A61B 17/74*; *A61B 17/742*;
A61B 17/744; *A61B 17/746*; *A61B 17/748*;
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USPC 606/300-331, 105, 65-68
See application file for complete search history.

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(*) Notice: Subject to any disclaimer, the term of this
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U.S.C. 154(b) by 0 days.

(56) **References Cited**

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(57) **ABSTRACT**

Disclosed is a fracture fixation device, for reducing and com-
pressing fractures in a bone. The fixation device includes an
elongate body. An axially moveable proximal anchor is car-
ried by the proximal end of the fixation device and comprises
a tubular sleeve that includes a plurality of graduations posi-
tioned on an outer surface of the tubular sleeve. The device is
rotated into position across the femoral neck and into the
femoral head, and the proximal anchor is distally advanced to
lock the device into place. In certain embodiments, the elon-
gated body includes a distal anchor with a distal cutting tip.

7 Claims, 11 Drawing Sheets

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(65) **Prior Publication Data**

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division of application No. 10/195,832, filed on Jul.
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filed on Nov. 13, 2001, now Pat. No. 6,890,333, which
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09/822,803, filed on Mar. 30, 2001, now Pat. No.
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(51) **Int. Cl.**

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A61B 17/84 (2006.01)
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